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embodiments of the present invention share the same advantages and those that do may not share them under the same or similar circumstances. This being said, the present invention provides numerous advantages, including those identified herein below.

Please replace the paragraph that extends from page 16, line 9 to page 16, line 18 with the following:

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Figure 1 is a functional block diagram of an exemplary digital oscilloscope suitable for implementing the present invention. Referring to Figure 1, the digital oscilloscope 100 is a commonly-available digital oscilloscope designed to acquire, analyze, and display a wide variety of signals generally in terms of signal voltage versus time. The digital oscilloscope 100 preferably includes a general purpose computer system, which is programmable using a high-level computer programming language and specially programmed, special purpose hardware for performing signal acquisition, analysis and display functions.

In the Claims

Please amend the claims as follows:

Please cancel claims 1-57 without prejudice or disclaimer.

Please amend claim 58 as follows:

58. (Amended) A method for graphically displaying an annotation label on a graphical user interface;

(1) displaying on the graphical user interface a first display element representing the function of adding an annotation label;

(2) receiving an indication that an operator graphically selected said first display element;

(3) displaying, on the graphical user interface, a display region through which the operator can enter a desired content to be displayed in the annotation label;

(4) receiving through a user interface data to be displayed in said dialog box; and

(5) displaying said annotation label on said graphical user interface.

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Please add new claims 59-77 as follows:

59. (New) The method of claim 58, wherein said first display element comprises any known display element supported by the graphical user interface.
60. (New) The method of claim 58, wherein said first display element comprises an icon.
61. (New) The method of claim 58, wherein said first display element comprises a graphical button rendered on a dialog box.
62. (New) The method of claim 58, wherein said display region through which the operator can enter a desired content to be displayed in the annotation label is a window.
63. (New) The method of claim 58, wherein said display region through which the operator can enter a desired content to be displayed in the annotation label is a dialog box
64. (New) The method of claim 58, wherein said data to be displayed in said dialog box comprises data in the form of text strings.
65. (New) The method of claim 58, wherein said data to be displayed in said dialog display region comprises data in the form of graphical symbols.
66. (New) The method of claim 58, wherein said data to be displayed in said dialog display region comprises data in the form of graphical symbols.
67. (New) The method of claim 58, further comprising the steps of:
displaying a second display element on the graphical user interface indicating that the operator has the opportunity to alter the manner in which the annotation label is rendered;
receiving an indication that the operator has selected said second display element;
displaying, in response to said indication that the operator has selected said second display element, a rendering options display window on the graphical user interface;

receiving operator inputs applied to said rendering options display window; and displaying said annotation label in accordance with said operator inputs to said rendering options display window.

68. (New) A method for graphically annotating measurement waveforms in a signal measurement system having a graphical user interface through which waveforms and measurement results are displayed on a display of the signal measurement system, the method comprising the steps of:

graphically generating, in response to an operator request, an annotation label containing operator-generated information; and

graphically positioning said annotation label at a location on the display determined by the operator.

69. (New) The method of claim 68, wherein said location of said annotation label is such that said annotation label is positionally associated with a desired feature of a waveform displayed on the display.

70. (New) The method of claim 68, wherein said information is presented in one or more forms comprising at least one of textual and symbolic form.

71. (New) The method of claim 68, wherein said information is provided by the operator using a keyboard operatively associated with the signal measurement system.

72. (New) The method of claim 71, wherein said keyboard is a graphically-displayed keyboard on which the operator graphically selects displayed keys of the graphical keyboard through use of a cursor controlled by a pointing device operatively coupled to said signal measurement system.

73. (New) The method of claim 68, wherein the information is entered by the operator through a voice recognition system.

74. (New) The method of claim 68, further comprising the steps of:

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adjusting appearance characteristics of said annotation label displayed on said graphical user interface in response to operator commands.

75. (New) The method of claim 68, wherein said annotation label is implemented as dialog box.

76. (New) The method of claim 74, wherein said appearance characteristics comprise one or more of the group consisting of color in which data is rendered in the annotation label, background color of the annotation label, and border characteristics of the annotation label.

77. (New) In a signal measurement system comprising an operating system and a graphical user interface, a method for graphically annotating measurement waveforms displayed in a waveform display of the graphical user interface, the method comprising:

- enabling an operator to graphically generate an annotation label containing operator-generated information; and
- enabling an operator to position said annotation label to any location on the waveform display.

78. (New) The system of claim 76, wherein the operator can control appearance characteristics of said plurality of annotation labels displayed on said graphical user interface.

Amended